UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/781,098	02/09/2001	Andy Harjanto	MSFT-0241/160103.2	2955

41505	7590	02/22/2005

WOODCOCK WASHBURN LLP
ONE LIBERTY PLACE - 46TH FLOOR
PHILADELPHIA, PA   19103

EXAMINER
JACOBS, LASHONDA T

ART UNIT	PAPER NUMBER
2157	

DATE MAILED: 02/22/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

	Application No.	Applicant(s)
Office Action Summary	09/781,098	HARJANTO, ANDY
	Examiner	Art Unit	
	LaShonda T Jacobs	2157	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *14 October 2004*.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
   closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-24* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-24* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
        application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
    Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date _____.

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____.

DETAILED ACTION

Response to Amendment

This Office Action is in response to Applicant's Amendment filed October 14, 2004. Claims 1-22 are presented for further examination. Newly added claims 23 and 24 by Applicant are also presented for examination.

Claim Rejections - 35 USC § 103

1.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

2.   Claims **1-12, 14-18, 20-22** and **24** are rejected under 35 U.S.C. 103(a) as being unpatentable over Fitler, Jr. et al (hereinafter, "Fitler, Jr.", U.S. Pat. No. 6,366,913) in view of Schneck et al (hereinafter, "Schneck", U.S. Pat. No. 6,208,986).

As per claims **1** and **5**, Fitler, Jr. discloses a data structure implemented on a computer readable medium, the data structure comprising a Hyper Text Transport Protocol (HTTP) Universal Resource Locator (URL) query string including:

- an anchor point portion representing an anchor point within the directory service for a search to be conducted based on the query string (col. 6, lines 1-27); and

- a path and query portion defining a search scope based on the anchor point for the search in the directory service (col. 5, lines 31-51).

However, Fitler, Jr. does not explicitly disclose:

- an HTTP portion representing that the HTTP query string is an HTTP URL query string.

Schneck discloses a web interface and method for accessing and displaying directory

information including:

- an HTTP portion representing that the HTTP query string is an HTTP URL query string

    (col. 4, lines 46-56 and col. 9, lines 56-61).

Accordingly, it would have been obvious to one of ordinary skill in the art at the time the

invention was made to have incorporated the Schneck's teachings of a web interface and method

for accessing and displaying directory information with the teachings of Fitler, Jr., for the

purpose or providing a user-friendly way to publish enterprise directory information in

HyperText Markup Language (HTML) when accessing directory information in homogeneous or

heterogeneous environments. Thus, Fitler provides the motivation to combine by utilizing a

centralized directory service to determined membership when the service is requested based on a

flexible specification of the user or object attributes.

As per claims **2** and **6**, Fitler, Jr. discloses:

- wherein the query string further includes a server name portion representing a server

    name through which the directory service is accessible (col. 6, lines 16-23).

As per claims **3** and **7**, Fitler, Jr. discloses:

- wherein the search scope is defined relative to the anchor point in the directory service

    (col. 5, lines 31-51).

As per claims **4** and **8**, Fitler, Jr. discloses:

- wherein the query string further includes a parameters portion representing an attribute to be returned based on the search (col. 5, lines 44-61).

As per claims **9** and **15**, Fitler, Jr. discloses a method and computer-readable medium for retrieving information from a directory service via a Hyper Text Transport Protocol (HTTP) Universal Resource Locator the method and computer-readable medium comprising:

- parsing the query string into an anchor point portion representing an anchor point within the directory service for a search to be conducted based on the query string (col. 6, lines 1-27);

- parsing the query string into a path and query portion defining a search scope based on the anchor point for the search in the directory service (col. 5, lines 31-51); and

- forwarding the constructed query to the directory service, wherein the directory service conducts the search based upon the forward query to produce search results (col. 9, lines 51-67).

However, Fitler, Jr. does not explicitly discloses:

- constructing a directory service compatible query from the plurality of parsed portions.

Schneck discloses a web interface and method for accessing and displaying directory information including:

- constructing a directory service compatible query from the plurality of parsed portions (col. 9, lines 56-67, col. 10, lines 1-4 and lines 35-61).

Accordingly, it would have been obvious to one of ordinary skill in the art at the time the invention was made to have incorporated the Schneck's teachings of a web interface and method for accessing and displaying directory information with the teachings of Fitler, Jr., for the

purpose or providing a user-friendly way to publish enterprise directory information in

HyperText Markup Language (HTML) when accessing directory information in homogeneous or

heterogeneous environments. Thus, Fitler provides the motivation to combine by utilizing a

centralized directory service to determined membership when the service is requested based on a

flexible specification of the user or object attributes.

As per claims **10** and **16**, Fitler, Jr. further discloses:

- receiving the search results from the directory service (col. 9, lines 51-67).

As per claims **11** and **17**, Fitler, Jr. discloses:

- receiving the search results from the directory service in a Hyper Text Markup

  Language format (col. 6, lines 42-46).

As per claims **12** and **18**, Fitler, Jr. discloses:

- receiving the search results from the directory service in an extensible Markup

  Language format (col. 6, lines 42-46).

As per claims **14** and **20**, Fitler, Jr. discloses the invention substantially as claims discussed

above:

However, Fitler, Jr. does not explicitly discloses:

- parsing the HTTP URL query string into a parameters portion representing an attribute

  to be returned based on the search.

Schneck discloses a web interface and method for accessing and displaying directory

information including:

- parsing the HTTP URL query string into a parameters portion representing an attribute to be returned based on the search (col. 9, lines 56-67, col. 10, lines 1-4 and lines 35-61).

Accordingly, it would have been obvious to one of ordinary skill in the art at the time the invention was made to have incorporated the Schneck's teachings of a web interface and method for accessing and displaying directory information with the teachings of Fitler, Jr., for the purpose or providing a user-friendly way to publish enterprise directory information in HyperText Markup Language (HTML) when accessing directory information in homogeneous or heterogeneous environments. Thus, Fitler provides the motivation to combine by utilizing a centralized directory service to determined membership when the service is requested based on a flexible specification of the user or object attributes.

As per claim 21, discloses a system for retrieving information from a directory service into an access device via a Hyper Text Transport Protocol (HTTP) Universal Resource Locator (URL) query string comprising:

- a diverting module for receiving the query string from the server if the friendly name portion is a member of the predetermined set of friendly names, for parsing the received query string, for constructing a directory service compatible query string based on the parsed string, and for forwarding the directory service compatible query string to the directory service (col. 5, lines 31-67 and col. 9, lines 51-67).

However, Fitler does not explicitly disclose:

- a server connected to the access device through an HTTP connection, the server for receiving the query string, for parsing the received query string into a friendly name

portion, and for determining whether the friendly name portion is a member of predetermined set of friendly names.

Schneck discloses a web interface and method for accessing and displaying directory information including:

- a server connected to the access device through an HTTP connection, the server for receiving the query string, for parsing the received query string into a friendly name portion, and for determining whether the friendly name portion is a member of predetermined set of friendly names (col. 4, lines 10-24, col. 7, lines 12-23 and col. 8, lines 31-36).

Accordingly, it would have been obvious to one of ordinary skill in the art at the time the invention was made to have incorporated the Schneck's teachings of a web interface and method for accessing and displaying directory information with the teachings of Fitler, Jr., for the purpose or providing a user-friendly way to publish enterprise directory information in HyperText Markup Language (HTML) when accessing directory information in homogeneous or heterogeneous environments. Thus, Fitler provides the motivation to combine by utilizing a centralized directory service to determined membership when the service is requested based on a flexible specification of the user or object attributes.

As per claim **22**, Fitler, Jr. discloses:

- wherein the server comprises the diverting module (col. 9, lines 26-40).

Allowable Subject Matter

3.   Claims **13, 19** and **23** are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. The following is a statement of reasons for the indication of allowable subject matter: Claims 13, 19, and 22 have been determined to contain allowable subject matter in view of the prior art. The allowable subject matter consists of applicant's comparing the anchor point against a predetermined set of anchor points and granting access to the directory service if the anchor point is contained in the predetermined set of anchor points.

Response to Arguments

4.   Applicant's arguments with respect to claims **1-12, 14-18, 20-22** and **24** have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

5.   The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

    U.S. Pat. No. 6,260,039 to Schneck et al

    Any inquiry concerning this communication or earlier communications from the examiner should be directed to LaShonda T. Jacobs whose telephone number is 703-305-7494. The examiner can normally be reached on 8:30 AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Ario Etienne can be reached on 703-308-7562. The fax phone number for the

organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

LaShonda T. Jacobs
Examiner
Art Unit 2157

ltj
February 11, 2005

ARIO ETIENNE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100